CLAIM LISTING

The following claim listing will replace all prior versions of the claims in this application.

1. (Previously Presented) An enterprise data backup and recovery system comprising:

a first network and a second network in communication though a third network the first network comprising:

a first processing layer,

a first storage area network layer in communication with the first processor layer;

a first storage layer in communication with the first process layer;

a first switching platform in communication with the first storage area network layer, wherein the first switching platform is in an interface to a first access circuit terminating at the first network;

the second network comprising:

a second processor layer;

a second storage area network layer in communication with the second processor layer; and

a second storage layer in communication with the second storage area network layer;

a third storage layer in communication with the second storage area network and in communication with one or more application servers via a dedicated data connection;

a second switching platform in communication with the second storage area network layer, wherein the second switching platform is an interface to a second address circuit terminating at the second network;

wherein, the first and second storage area layers are shared by the first and second ewtirj networks via the third network; and

wherein information stored in the first storage layer is transferred to the second storage layer via the third network under the control of the first processor layer; and

wherein the first and second access circuits provide connectivity between components of the first and second networks via the fist and second switching platforms.

2. (Currently Amended) The system of claim 1, wherein the first processor layer comprises:

a first media server;

a first application storage manager server in communication with the first media server via a first local area network; and

a first client in communication with the first media server via the first local area network; wherein the information is transferred to the first media server and to the first storage layer, wherein the first local area network includes a routing switch in communication with a backup master server and multiple uplink connections from the routing switch to a plurality of port switches that provide connective points of a plurality of local area network clients, wherein each connection to the pairs of port switches comprises a secure connection to a first port switch and a non-secure connection to a second port switch, wherein both the secure and the non-secure connections terminate and originate with the backup master server which is security enabled.

3.-11. (Canceled)

12. (Original) The system of claim 1, wherein

the second processor layer further comprises:

a second media server;

a second applicant storage manager server in communication with the second media sever via a second local area network; and

wherein the second storage layer further comprises:

a second disk storage array in communication with the second application storage manager server for storing the information; and

a second backup library in communication with the second applicant storage manager server for storing the information;

wherein the second application storage manager server controls the movement of the information from the second disk stage array to the second backup library.

13. (Original) The system of claim 12, wherein the second disk storage array is in communication with the second backup library via the fiber channel.

14. (Original) The system of claim 12, wherein the second disk storage array is in communication with the second application storage manager server via a fiber channel.

15. (Original0 The system of claim 12, wherein the second backup library is in communication with the second application storage manager server via a fiber channel.

16. (Original) The system of claim 1 further comprising a second switch in communication with the second storage area network layer for receiving the information from the third network.

17. (Original) The system of claim 1, where the first network is a network based backup and recovery network.

18. (Previously Presented) The system of claim 1, wherein the first network is a network based gigabit Ethernet network.

19. (Previously Presented) The system of claim 1, wherein the first network is a LAN-free dictated tape drive network.

20. (Previously Presented) The system of claim 1, wherein the first network is a server-free network.

21. (Currently Amended) An automated storage manager sever resident on a first stage area network, comprising a processor that:

transfers information form a first storage region resident on the first storage area network to a second storage region resident on the first storage area network, wherein the first storage region is in direct communication through a dedicated data connection to one or more application servers; and

transfers information from the second storage region to a third storage region resident on a second ~~stage~~ storage area network via the third network,

wherein the server is connected via uplink and downlink gigabit connections to a routing switch for providing bandwidth for backup and recovery.

22. (Previously Presented) The automated storage management server of claim 21, wherein the processor transfer information by communicating with a first disk storage array of the first storage region and a first backup library of the first storage region.

23. (Previously Presented) The automated storage management server of claim 21, wherein the processor communicates with the first disk storage area via a fiber channel.

23 (Previously Presented) The automated storage management server of claim 22, wherein the processor communicates with the first disk storage area via a fiber channel.

24. ((Previously Presented) The automated storage management server of claim 22, wherein the processor communicates with the first backup library via a fiber channel.

25. (Previously Presented) The automated storage management server of claim 21 wherein the processor transfers information form the second storage to the third storage region via one or more switches.

26. (Previously Presented) The automated storage management server of claim 12, wherein the processor transfers information from the second storage region to the third storage region in an asynchronous transfer mode network.

27. (Previously Presented) The automated storage management sever of claim 12, wherein the processor transfers information for the first storage region to the second storage region via a gigabit Ethernet network.

28. (New) The automated storage management server of claim 12, wherein the server is a backup master server connected with the uplink connections from the routing switch to a plurality of port switches than provide connective points of a plurality of local area network clients, wherein each connection to the pairs of port switches comprises a secure connection to a first port switch and a non-secure connection to a second switch, wherein the secure and the non-secure connections terminate and originate with the backup master server which is security enabled.

* * *